

B²
generalized motif. Non isolated peptides having this motif include TGF- α , amphiregulin, schwannoma-derived growth factor (SDGF), heparin-binding EGF-like growth factors and certain virally encoded peptides (e.g., Vaccinia virus, Reisner, *Nature* 313: 801-803 (1985), Shope fibroma virus, Chang et al., *Mol Cell Biol.* 7: 535-540 (1987), Mollusum contagiosum, Porter and Archard, *J. Gen. Virol.* 68: 673-682 (1987), and Myxoma virus, Upton et al., *J. Virol.* 61: 1271-1275 (1987), Prigent and Lemoine, *Prog. Growth Factor Res.* 4: 1-24 (1992).--

On page 14, cancel the paragraph starting at line 25, and replace it with the following new paragraph:

-- Purification and sequence analysis of the EGF-like domain has revealed the presence of six conserved cysteine residues which cross-bind to create three peptide loops, Savage CR et al., *J. Biol. Chem.* 248: 7669-7672 (1979). It is now generally known that several other peptides can react with the EGF receptor which share the same generalized motif. Non isolated peptides having this motif include TGF-a, amphiregulin, schwannoma-derived growth factor (SDGF), heparin-binding EGF-like growth factors and certain virally encoded peptides (e.g., Vaccinia virus, Reisner AH, *Nature* 313: 801-803 (1985), Shope fibroma virus, Chang W., et al., *Mol Cell Biol.* 7: 535-540 (1987), Mollusum contagiosum, Porter CD & Archard LC, *J. Gen. Virol.* 68: 673-682 (1987), and Myxoma virus, Upton C et al., *J. Virol.* 61: 1271-1275 (1987). Prigent SA & Lemoine N.R., *Prog. Growth Factor Res.* 4: 1-24 (1992).--

On page 16, cancel the paragraph starting at line 25, and replace it with the following new paragraph:

B⁴
-- The proteins of the TGF- β superfamily are disulfide-linked homo- or heterodimers encoded by larger precursor polypeptide chains containing a hydrophobic signal sequence, a long and relatively poorly conserved N-terminal pro region of several hundred amino acids, a cleavage site (usually polybasic), and a shorter and more highly conserved C-terminal region. This C-terminal region corresponds to the processed

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mature protein and contains approximately 100 amino acids with a characteristic cysteine motif, *i.e.*, the conservation of seven of the nine cysteine residues of TGF- β among all known family members. Although the position of the cleavage site between the mature and pro regions varies among the family members, the C-terminus of all of the proteins is in the identical position, but differing in every case from the TGF- β consensus C-terminus. Sporn and Roberts, 1990, *supra*. --

On page 252, please delete the first paragraph under the heading of "Deposit of Material" and replace it with the following new paragraph:

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The following materials have been deposited with the American Type Culture Collection, Manassas, VA, USA (ATCC):

<u>Material</u>	<u>ATCC Dep. No.</u>	<u>Deposit Date</u>
DNA32292-1131	ATCC 209258	September 16, 1997
DNA33094-1131	ATCC 209256	September 16, 1997
DNA33223-1136	ATCC 209264	September 16, 1997
DNA34435-1140	ATCC 209250	September 16, 1997
DNA27864-1155	ATCC 209375	October 16, 1997
DNA36350-1158	ATCC 209378	October 16, 1997
DNA32290-1164	ATCC 209384	October 16, 1997
DNA35639-1172	ATCC 209396	October 17, 1997
DNA33092-1202	ATCC 209420	October 28, 1997
DNA49435-1219	ATCC 209480	November 21, 1997
DNA35638-1141	ATCC 209265	September 16, 1997
DNA32298-1132	ATCC 209257	September 16, 1997
DNA33089-1132	ATCC 209262	September 16, 1997
DNA33786-1132	ATCC 209253	September 16, 1997
DNA35918-1174	ATCC 209402	October 17, 1997
DNA37150-1178	ATCC 209401	October 17, 1997
DNA38260-1180	ATCC 209397	October 17, 1997
DNA39969-1185	ATCC 209400	October 17, 1997
DNA32286-1191	ATCC 209385	October 16, 1997
DNA33461-1199	ATCC 209367	October 15, 1997

DNA40628-1216 ATCC 209432 November 7, 1997
 DNA33221-1133 ATCC 209263 September 16, 1997
 DNA33107-1135 ATCC 209251 September 16, 1997
 DNA35557-1137 ATCC 209255 September 16, 1997
 DNA34434-1139 ATCC 209252 September 16, 1997
 DNA33100-1159 ATCC 209373 October 16, 1997
 DNA35600-1162 ATCC 209370 October 16, 1997
 DNA34436-1238 ATCC 209523 December 10, 1997
 DNA33206-1165 ATCC 209372 October 16, 1997
 DNA35558-1167 ATCC 209374 October 16, 1997
 DNA35599-1168 ATCC 209373 October 16, 1997
 DNA36992-1168 ATCC 209382 October 16, 1997
 DNA34407-1169 ATCC 209383 October 16, 1997
 DNA35841-1173 ATCC 209403 October 17, 1997
 DNA33470-1175 ATCC 209398 October 17, 1997
 DNA34431-1177 ATCC 209399 October 17, 1997
 DNA39510-1181 ATCC 209392 October 17, 1997
 DNA39423-1182 ATCC 209387 October 17, 1997
 DNA40620-1183 ATCC 209388 October 17, 1997
 DNA40604-1187 ATCC 209394 October 17, 1997
 DNA38268-1188 ATCC 209421 October 28, 1997
 DNA37151-1193 ATCC 209393 October 17, 1997
 DNA35673-1201 ATCC 209418 October 28, 1997
 DNA40370-1217 ATCC 209485 November 21, 1997
 DNA42551-1217 ATCC 209483 November 21, 1997
 DNA39520-1217 ATCC 209482 November 21, 1997
 DNA41225-1217 ATCC 209491 November 21, 1997
 DNA43318-1217 ATCC 209481 November 21, 1997
 DNA40587-1231 ATCC 209438 November 7, 1997
 DNA41338-1234 ATCC 209927 June 2, 1998
 DNA40981-1234 ATCC 209439 November 7, 1997
 DNA37140-1234 ATCC 209489 November 21, 1997
 DNA40982-1235 ATCC 209433 November 7, 1997
 DNA41379-1236 ATCC 209488 November 21, 1997
 DNA44167-1243 ATCC 209434 November 7, 1997